

HOT SPOTS

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CITY/AIRPORT	HOT SPOT	DESCRIPTION
ALASKA		
ANCHORAGE		
TED STEVENS	HS 1	Acft taxiing via Twy E to Twy G and Twy K to Rwy 33 sometimes miss the turn from Twy G on to Twy K and continue on Twy G across Rwy 07L-25R by mistake, especially with rstd visibility.
ANCHORAGE INTL (ANC) (PANC)	HS 2	Acft taxiing to Twy K via Twy E and Twy F may confuse hold short instructions for Rwys 07R-25L and 07L-25R. Twy D signage may not be visible from Twy E and Twy F hold positions.
KODIAK		
KODIAK (ADQ)(PADQ)	HS 1	Twy F is narrow, do not stop acft on or near the twy blocking access to the main ramp.

AIRPORT DIAGRAMS

HOT SPOTS

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ILLINOIS		
ALTON/ST LOUIS		
ST LOUIS RGNL (ALN)	HS 1	Twy C and Rwy 11, rwy in close proximity of ramp. Be prepared to hold short of the rwy entering the Twy C.
	HS 2	Twy A and Rwy 17-35, rwy in close proximity of ramp. Be prepared to hold short of the rwy entering the Twy A.
BLOOMINGTON/NORMAL		
CENTRAL IL RGNL ARPT AT BLOOMINGTON-NORMAL (BMI)	HS 1	Twy G intersecting Rwy 11-29. Short taxi distance from terminal ramp.
	HS 2	Hold line on Twy E is used for Rwy 02-20 and Rwy 29.
CARBONDALE/MURPHYSBORO		
SOUTHERN ILLINOIS (MDH)	HS 1	Intersection of Rwy 06-24 and Twy A. Rwy incursion risk.
	HS 2	Intersection of Rwy 06-24 and Twy C. Rwy incursion risk.
CHAMPAIGN/URBANA		
UNIVERSITY OF ILLINOIS-WILLARD (CMI)	HS 1	Rwy 18 hold short line set back on Twy C.
	HS 2	Complex intersection of Twy A, Twy A1, Twy B, Twy C, and Twy D.
	HS 3	Rwy 36 hold short lines on Twy B, and Twy B2 proximity to Twy B/Twy B2 intersection.
CHICAGO		
CHICAGO MIDWAY INTL (MDW)	HS 1	Taxiing to Rwy 04L from Twy W. Note: dsplcd thld and unique turn onto Rwy 04L.
	HS 2	Intersection of Rwy 04R and Twy F. Rwy 04R may be active whenever Rwy 31C is also active.
	HS 3	Hold short line for Rwy 31L immediately after Twy F and Twy K intersection, on Twy K.
	HS 4	Short taxi distance from terminal ramp to hold position for Rwy 13L-31R.
	HS 5	Taxiing to Rwy 22R from Twy P. Note: dsplcd thld and unique turn onto Rwy 22R.
	HS 6	Twy N at Rwy 04L-22R. Also, short taxi distance from north ramp to hold position for Rwy 04L-22R.
CHICAGO		
CHICAGO O'HARE INTL (ORD)	HS 1	Acft northeast bound on Twy B turning right onto Twy H use caution - close proximity to Rwy 09R-27L.
	HS 2	Acft northwest bound on Twy U turning left onto Twy H use caution - close proximity to Rwy 09R-27L.
	HS 3	Twy Y5 - north bound t/c only exiting Rwy 04R.
	HS 4	Inbound t/c to the terminals from Twy E can expect a right turn on Twy G to avoid active rwys.
	HS 5	Ldg Rwy 27R first avbl turn off is Twy C1 6500' from Rwy 27R thld. Ldg Rwy 09L first avbl turn off is Twy M1 6700' from Rwy 09L thld.
CHICAGO/PROSPECT HEIGHTS/WHEELING		
CHICAGO EXECUTIVE (PWK)	HS 1	Twy E, Twy K, and Twy C complex intersection in close proximity of rwys.
	HS 2	Twy intersection in close proximity of Rwy 06.
	HS 3	Rwy 06 hold short line set back on Twy T.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
CHICAGO/ROCKFORD		
CHICAGO/ROCKFORD INTL (RFD)	HS 1	Complex intersection.
MARION		
WILLIAMSON CO RGNL (MWA)	HS 1	This area is not visible from the twr.
	HS 2	This area is not visible from the twr.
	HS 3	Hold short of Rwy 02 at Twy B for departure on Rwy 11. Some pilots mistakenly line up on Rwy 02.
MOLINE		
QUAD CITY INTL (MLI)	HS 1	Twy tfc to hold short of Rwy 23/Rwy 23 apch.
	HS 2	Risk of Rwy 09 and Rwy 27 arrivals exiting on intersecting rwys instead of assigned exit twys.
	HS 3	Rwy 13–31 hold position is in an unusual location parallel to Rwy 13–31 on Twy K.
	HS 4	Rwy 13–31 hold position at Twy H. Twy tfc to hold short of rwy.
PEORIA		
GENERAL DOWNING – PEORIA INTL (PIA)	HS 1	Complex intersection in close proximity to two rwys.
	HS 2	Short taxi distance to Rwy 04–22.
SPRINGFIELD		
ABRAHAM LINCOLN CAPITAL (SPI)	HS 1	Complex rwy/rwy intersection. ATC approval required to exit onto another rwy.

INDIANA

COLUMBUS		
COLUMBUS MUNI (BAK)	HS 1	Twy A & Twy B Converge.
EVANSVILLE		
EVANSVILLE RGNL (EVV)	HS 1	Rwy 09 incursion risk at Twy C near General Aviation Ramp, ATC clearance required for taxi on rwy.
	HS 2	Rwy 27 incursion risk at Twy A, ATC clearance required for taxi on rwy.
	HS 3	Rwy 18–36 incursion risk at Twy H due to close proximity of General Aviation Ramp to rwy.
TERRE HAUTE		
TERRE HAUTE INTL–HULMAN FLD (HUF)	HS 1	Hold short on Twy D for both Rwy 18 and Rwy 14.

MICHIGAN

ANN ARBOR		
ANN ARBOR MUNI (ARB)	HS 1	Intersection of Twy A1/A not visible from the cti twr.
	HS 2	Twy A crosses turf Rwy 12–30.
DETROIT		
DETROIT METROPOLITAN WAYNE CO (DTW)	HS 1	Intersection of Rwy 09L–27R and Rwy 04R–22L. When taxiing on Rwy 09L–27R, be prepared to hold at the holding position markings on the rwy.
	HS 2	Intersection of Rwy 09L–27R and Rwy 03L–21R. When taxiing on Rwy 09L–27R, be prepared to hold at the holding position markings on the rwy.
	HS 3	Twy F and Rwy 03L–21R pilots taxiing on Twy F sometimes enter Rwy 03L–21R without a clearance.
	HS 4	Twy V1, Twy W5, Twy S5 converge with Twy W in close proximity to Rwy 09L–27R and Rwy 03R–21L.
DETROIT		
WILLOW RUN (YIP)	HS 1	Complex rwys/twy intersection.
	HS 2	Twy E1 to Rwy 27 or Rwy 23L wrong rwy departure risk.
FLINT		
BISHOP INTL (FNT)	HS 1	Twy C crosses Rwy 18–36. Manage taxi speed and be prepared to hold short.
	HS 2	Acft exiting the de-icing pad are on Twy C and in very close proximity to Rwy 09–27.
JACKSON		
JACKSON CO–REYNOLDS FLD (JXN)	HS 1	Twy F hold short line for Rwy 06 is further back than expected to protect the Localizer Critical Area. Do not cross hold short line without ATCT clearance.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
KALAMAZOO		
KALAMAZOO/BATTLE CREEK INTL (AZO)	HS 1	Complex intersection of Rwy 05, Twy A and Twy D.
	HS 2	Wrong rwy departure risk. Twy C hold short lines serve both Rwy 05 and Rwy 09.
	HS 3	Wrong rwy departure risk. Acft departing Rwy 05 can expect to hold short of Rwy 09 on Twy F.
PONTIAC		
OAKLAND CO INTL (PTK)	HS 1	Twy D west of Twy L. When leaving Rwy 09L run up area, pilots sometimes confuse Twy M as the apch end of Rwy 09L.
OHIO		
AKRON		
AKRON-CANTON RGNL (CAK)	HS 1	ILS hold short line close proximity to transient parking ramp.
	HS 2	Twy C rwy holding position marking east of Rwy 01-19 used to hold acft for both Rwy 01-19 and Rwy 05-23.
	HS 3	Hold short lines on Twy K between Rwy 01-19 and Rwy 05-23 are nearly co-located.
CINCINNATI		
CINCINNATI MUNI AIRPORT LUNKEN FLD (LUK)	HS 1	Tfc on Twy C must receive ATC clearance to cross Rwy 03L apch area.
	HS 2	Twy A crosses Rwy 21R. Be prepared to hold short.
	HS 3	Departing acft on Rwy 21L can expect to hold short of Rwy 25 on Twy A.
	HS 4	Pedestrians and vehicles prohibited from departing terminal ramp area without ATC authorization.
CLEVELAND		
CLEVELAND-HOPKINS INTL (CLE)	HS 1	Complex intersection of Rwy 06R-24L and Twy S, Twy L.
	HS 2	Complex intersection of Rwy 06R-24L and Twy R, Twy L.
COLUMBUS		
OHIO STATE UNIVERSITY (OSU)	HS 1	When holding short of Rwy 09R, acft must clear Rwy 05 hold short line on Twy A, west of Rwy 05.
	HS 2	Rwy 05 hold short line close proximity to west ramp on Twy A.
	HS 3	Wrong rwy departure risk: Rwy 32 is not visible from hold short lines on Twy D.
	HS 4	Successive hold short lines on Twy A east of Twy D define Rwy 32 apch zone. Pilots confuse the apch hold markings with the Rwy 27L rwy holding position markings.
COLUMBUS		
PORT COLUMBUS INTL (CMH)	HS 1	Area not visible from the trw.
DAYTON		
JAMES M COX DAYTON INTL (DAY)	HS 1	Acft taxiing from Twy D, with a left turn on Rwy 36, destined for Twy H sometimes miss the turn onto Twy H and enter Rwy 06R-24L.
MANSFIELD		
MANSFIELD LAHM RGNL (MFD)	HS 1	Complex intersection of Rwy 05-23, Rwy 14-32 and Twy C.
YOUNGSTOWN/WARREN		
YOUNGSTOWN-WARREN RGNL (YNG)	HS 1	Rwy 23 hold short line and signage on Twy H may be difficult to see when taxiing to Rwy 23 on Twy J.
	HS 2	Complex Twy K/Twy F intersection. Twy K crosses Twy F to the terminal.
WISCONSIN		
APPLETON		
OUTAGAMIE CO RGNL (ATW)	HS 1	Twy A, Twy B and Twy C meet in a complex intersection.
JANESVILLE		
SOUTHERN WISCONSIN RGNL (JVL)	HS 1	Rwy 32 and Rwy 26 apch ends are closely aligned and may be confused when lining up for departure.
LA CROSSE		
LA CROSSE MUNI (LSE)	HS 1	Rwy 36 hold position set back on Twy F.

AIRPORT DIAGRAMS

CITY/AIRPORT	HOT SPOT	DESCRIPTION
MADISON		
DANE CO RGNL–TRUAX FLD (MSN)	HS 1	Closely Aligned Rwys – Rwy 21 and Rwy 18 at Twy B4.
	HS 2	Closely Aligned Rwys – Rwy 18 and Rwy 21 at Twy A4.
	HS 3	Closely Aligned Rwy ends – Rwy 14 and Rwy 18.
MILWAUKEE		
GENERAL MITCHELL INTL (MKE)	HS 1	Pilots taxiing northbound on Twy E for an intersection departure on Rwy 19R at Twy V can end up entering Rwy 07L–25R if they miss the right turn for Twy V. To avoid a rwy incursion, pilots on Twy E should use extreme caution approaching Rwy 07L–25R.
	HS 2	Use caution in the area of Twy M and Rwy 01L–19R. Pavement widens out as the twy approaches the rwy and may cause confusion.
OSHKOSH		
WITTMAN RGNL (OSH)	HS 1	Intersection of Twy B and Twy B1.
	HS 2	Intersection of Twy C1, Twy C, Twy A, Twy A1, Twy J.

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CEDAR RAPIDS		
THE EASTERN IOWA (CID)	HS 1	Twy A crosses Rwy 13-31. Twy A is used frequently by vehicles and acft to transition to and from the west hangar/FBO area
	HS 2	Intersection of Rwy 13-31 and Rwy 09-27.
	HS 3	Twy C becomes Twy A on the north side of the apch end of Rwy 27. Acft taxiing from the east hangars to Rwy 09 and Rwy 13 are required to cross Rwy 09-27.
DES MOINES		
DES MOINES INTL (DSM)	HS 1	Use caution and comply with the signs and markings when taxiing near this complex intersection.
	HS 2	The apch end of Rwy 5 at Twy P has limited visibility from the twr.
	HS 3	Do not confuse Twy P for Rwy 23. Be aware of possibility of inadvertent line up on Twy P when cleared for Rwy 23.
DUBUQUE		
DUBUQUE RGNL (DBQ)	HS 1	Use caution when taxiing to Rwy 18 or Rwy 13 via Twy A. Comply with rwy hold signs, sfc painted signs and elevated rwy guard lgts at the intersection of Twy A and Rwy 18-36.
	HS 2	Use caution exiting the ramp area on Twy D. Twy D crosses Rwy 13-31 immediately after leaving ramp area.
	HS 3	Use caution exiting the ramp area on Twy C. Twy C crosses Rwy 13-31 immediately after leaving ramp area.
FORT DODGE		
FORT DODGE RGNL (FOD)	HS 1	Westbound t/c on Twy B must remain alert at the intersection where Twy B splits with Twy D. Holding position markings for Rwy 06-24 and Rwy 12-30 are immediately after the twy split.
MASON CITY		
MASON CITY MUNI (MCW)	HS 1	Single twy leads to the apch end of Rwy 30 and Rwy 36. When departing northbound, cross check compass on rwy to verify use of correct rwy for departure. Approximately half of Rwy 12 and Rwy 18 are not mutually visible due to rising terrain and trees located between rwys. Use caution when operating on either Rwy 12 or Rwy 18 for crossing t/c. Broadcast your position and intentions on CTAF.
SIOUX CITY		
SIOUX GATEWAY/COL. BUD DAY FLD (SUX)	HS 1	Rwy 17-35 and Rwy 13-31 intersect at Twy B. When departing northbound, cross check compass on rwy to verify use of correct rwy for departure.
	HS 2	Area not visible from the twr.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
WATERLOO		
WATERLOO RGNL (ALO)	HS 1	The intersection of Twy B and Twy C outbound holding position markings for Rwy 12–30 and Rwy 18–36 are immediately after the split of Twy B and Twy C.
	HS 2	Twy A crosses the apch end of Rwy 36 prior to Rwy 06. When departing northbound, cross check compass on rwy to verify use of correct rwy for departure.
	HS 3	Use caution exiting the ramp area on Twy B. Twy B intersects Rwy 06–24 immediately after leaving ramp area.
	HS 4	Use caution when crossing Rwy 12–30 on Twy A inbound and outbound. Twy A is used as a pass through twy to the ANG hangar and Rwy 06–24.

KANSAS

DODGE CITY		
DODGE CITY RGNL (DDC)	HS 1	Ramp is in close proximity to rwys.
GARDEN CITY		
GARDEN CITY RGNL (GCK)	HS 1	Twy C intersects Rwy 12–30 1300' from apch end. Back taxi clearance required for full length departure on Rwy 12.
	HS 2	Use caution exiting the ramp area on Twy C. Twy C crosses Rwy 17–35 immediately after leaving ramp area. Pilots must use caution when exiting the rwy on Twy C, as the non-movement area boundary is on the twy prior to the ramp.
	HS 3	While taxiing southbound on Twy A to Rwy 30, left turn on Twy B required to reach apch end of Rwy 30. If pilot is not being extra vigilant, it is easy for an acft to miss the turn on Twy B and cross the active rwy.
HUTCHINSON		
HUTCHINSON MUNI (HUT)	HS 1	Twy A and Twy C intersect with multiple rwys.
	HS 2	Twy B hold markings for Rwy 04 and Rwy 35 are very close. Use caution to hold short at proper hold marking.
LIBERAL		
LIBERAL MID-AMERICA RGNL (LBL)	HS 1	Twy C intersects Rwy 17–35 immediately upon leaving ramp area.
MANHATTAN		
MANHATTAN RGNL (MHK)	HS 1	Use caution when taxiing to/from the terminal area via Twy D. Twy D is the primary entrance and exit from the main ramp and is in close proximity to Rwy 3–21.
	HS 2	Use caution when taxiing northeast on Twy A to the east ramp. Do not mistake Rwy 13–31 for Twy E.
OLATHE		
JOHNSON CO EXECUTIVE (OJC)	HS 1	Twy C crosses the apch end of Rwy 18.
	HS 2	Acft on the east side of the rwy taxiing to Rwy 36 utilizing Twy B, cross Rwy 18–36. Rwy holding position marking is not fully visible until after making the westbound turn.
OLATHE		
NEW CENTURY AIRCENTER (IXD)	HS 1	Twy A is in close proximity to U.S. Army Reserve ramp area.
	HS 2	Complex intersection of Twy A and Twy F, along with Rwy 04–22 and Rwy 18–36. Additionally, acft southwest of this area may not be visible from the ATCT.
SALINA		
SALINA RGNL (SLN)	HS 1	Twy E crossing Rwy 17–35 is active with student pilot midfield departures. Note the elevated rwy guard lgts located on the east side of Rwy 17–35 at Twy E.
	HS 2	Tfc Idg Rwy 12 use caution when exiting onto Twy B. Hold line for Rwy 17–35 approaches quickly. Note the elevated rwy guard lgts located on the west side of Rwy 17–35 on Twy B.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
TOPEKA FORBES FLD (FOE)	HS 1	Southbound t/c on Twy A must remain alert so as to not miss the right turn on Twy A when taxiing to Rwy 03. Twy D continues to an intersection with Rwy 03. Twy A turns to the southwest.
	HS 2	Use caution Twy A becomes Twy E just past access to the apch end of Rwy 03. Twy A turns left, Twy E continues southwest bound to the KS ANG ramp.
	HS 3	Twy E is not visible from the ATCT. Twy E also accesses KS ANG ramp and is not maintained by the Airport Authority.
TOPEKA PHILIP BILLARD MUNI (TOP)	HS 1	Twy A and Twy D intersect inside of the Runway Safety Area for Rwy 04–22. Twy A intersects Rwy 04–22 at two different locations.
WICHITA WICHITA MID–CONTINENT (ICT)	HS 1	Gates 5, 6, 11 and 12 are in close proximity to the movement area boundary. Pushback from these gates enters Twy R.

MINNESOTA

DULUTH DULUTH INTL (DLH)	HS 1	Acft/vehicular t/c on Twy E1, Twy E2 and Twy E should be alert. Signage indicates Rwy 27 APCH. Twy E is in the safety area for Rwy 09–27.
	HS 2	Apch end of Rwy 27 located at Twy A5.
	HS 3	Complex intersection. Be alert when taxiing to Rwy 21 via Twy A and Twy C.
MINNEAPOLIS CRYSTAL (MIC)	HS 1	Short distance between rwys. Manage your taxi speed.
	HS 2	Short distance between rwys. Manage your taxi speed.
	HS 3	Short distance between rwys. Manage your taxi speed.
	HS 4	Be prepared to hold short of Rwy 06R (sod) on Twy F.
	HS 5	Be prepared to hold short of Rwy 24L (sod) on Twy D.
	HS 6	Multiple vehicle/pedestrian deviations have occurred in this area due to proximity of arpt access points and hangars obscuring twr view.
	HS 7	Close proximity of Rwy 14R and Rwy 06R hold markings at Twy A and Twy E intersection.
	HS 8	Acft taxiing northeast on Twy B for Rwy 24R or Rwy 24L, tend to make a right turn onto Twy E, incurring on the active rwy.
MINNEAPOLIS FLYING CLOUD (FCM)	HS 1	Hold position marking/signs for Rwy 10L located 30' south of Twy A.
	HS 2	Hold position marking/signs for Rwy 10L located 30' south of Twy A.
	HS 3	Hold position marking/signs for Rwy 10L located 30' south of Twy A.
	HS 4	Hold position marking/signs for Rwy 10L located 30' south of Twy A.
	HS 5	Hold position marking/signs for Rwy 10L located 30' south of Twy A.
	HS 6	Hold position marking/signs for Rwy 10L located 30' south of Twy A.
	HS 7	Hold position marking/signs for Rwy 10L located 30' south of Twy A.
	HS 8	Hold position marking/signs for Rwy 10L located 30' south of Twy A.
	HS 9	Rwy 18 apch area proximity to adjacent ramps along Twy A.
	HS 10	Close proximity of parallel rwys and holding positions when crossing apch end of Rwy 28L.
	HS 11	Short distance between rwy hold short lines. Be prepared to hold short of each rwy.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
MINNEAPOLIS		
MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)	HS 1	Rwy 04-22 frequently used to cross taxiing acft across Rwy 12R-30L. Holding position signs and markings differ from those typically seen on twy/rwy intersections.
	HS 2	Expansive pavement at the intersection of Twy A, Twy B, Twy C, Twy D, and Twy H in near proximity to Rwy 12R-30L and Rwy 04-22. Use caution for rwy crossings in this area.
	HS 3	Expansive pavement at the int of Twy C, Twy D, Twy P, and Twy Q in near proximity to Rwy 12L-30R and Rwy 04-22. Use caution for rwy crossings in this area.
	HS 4	Twy/rwy geometry and tfc flow.
	HS 5	Complex geometry at Rwy 04 apch end. Rwy 04 depart check compass to verify correct rwy heading.
ROCHESTER		
ROCHESTER INTL (RST)	HS 1	Rwy 20 hold short line set back on Twy G.
	HS 2	Rwy 20 hold short line on Twy A proximity to angled Twy A/Twy A6 intersection.
	HS 3	Complex, angled intersection of Twy A6, Rwy 13 and Twy B.
ST PAUL		
ST PAUL DOWNTOWN HOLMAN FLD (STP)	HS 1	Helicopter landings on Twy A.
	HS 2	Rwy 31 overrun connects to Rwy 14.
	HS 3	Unusual placement of rwy holding position markings due to overlapping rwy safety areas. Short distance between rwys, manage your taxi speed and be prepared to hold short when exiting rwy.
	HS 4	Twy E crosses Rwy 27 and Rwy 31.
MISSOURI		
BRANSON		
BRANSON (BBG)	HS 1	Westbound tfc on Twy C must remain alert so as to not mistake Rwy 14-32 for a parallel twy. First left turn out of ramp area is Rwy 14-32.
	HS 2	Use caution for acft utilizing Twy E and Twy F as a turn around after ldg on Rwy 14 or taxiing to hold while waiting to depart Rwy 32. Back taxi required on Rwy 14-32 for full length departure on Rwy 32 and frequently utilized by acft ldg Rwy 14.
CAPE GIRARDEAU		
CAPE GIRARDEAU RGNL (CGI)	HS 1	Area not visible from the twr.
	HS 2	Acft ldg Rwy 10 sometime mistake Rwy 02-20 as Twy D.
COLUMBIA		
COLUMBIA RGNL (COU)	HS 1	Use caution approaching the intersection of Twy A and Twy B due to the close proximity of rwy holding position markings for Rwy 02-20 and Rwy 13-31.
	HS 2	Acft departing Rwy 20. Taxiing on Rwy 13-31 may be authorized to reach the apch end of Rwy 20. Use caution not to confuse rwy holding position marking for Rwy 13 with the marking for Rwy 20.
	HS 3	Acft departing Rwy 20. Rwy holding position line for Rwy 20 is on Rwy 13-31.
FORT LEONARD WOOD		
WAYNESVILLE-ST. ROBERT RGNL FORNEY FLD (TBN)	HS 1	Arriving and departing acft must use the intersection at the southeast end of Rwy 14-32 to access the rwy. There is no parallel twy. Arriving and departing tfc may be required to back-taxi.
JEFFERSON CITY		
JEFFERSON CITY MEM (JEF)	HS 1	Complex intersection of twys and rwys. Rwy 12-30 intersects with Twy B and Rwy 9-27. Acft eastbound on Twy B from Rwy 12-30, holding position markings are for Rwy 12-30.
	HS 2	Acft taxiing on Twy B to Rwy 27, be prepared for the holding position markings just out of the turn.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
JOPLIN		
JOPLIN RGNL (JLN)	HS 1	All acft exiting the General Aviation Ramp on Twy B be prepared to hold west of Rwy 18-36 for both Rwy 18-36 and Rwy 05-23.
	HS 2	Twy C ramp exit is in close proximity to the rwy holding position line for Rwy 18-36. Twy C intersects with Rwy 18-36 immediately after leaving the ramp area.
KANSAS CITY		
CHARLES B. WHEELER DOWNTOWN (MKC)	HS 1	On Twy G, holding position markings for Rwy 03-21 are unusual due to the angle that Twy G intersects with Rwy 03-21.
	HS 2	Twy D intersects with Rwy 03-21 and Rwy 01-19. Holding position markings for Rwy 03-21 and Rwy 01-19 are within the rwy safety area for each other. Twy D is also utilized by acft and vehicles to transition from the east ramps to the west ramps. Acft/vehicles often mistake the second hold short markings when exiting Rwy 01-19 at Twy D as the hold short markings for Rwy 03-21.
	HS 3	Twy F, Twy D, Twy L transition when acft are taxiing northbound. Acft have the tendency to miss the left turn onto Twy L to continue across Rwy 01-19. Utilize extreme caution at night and in low visibility conditions.
KANSAS CITY		
KANSAS CITY INTL (MCI)	HS 1	Twy E and Twy F intersection with Rwy 09-27. Immediately after crossing Twy C, both Twy E and Twy F cross Rwy 09-27.
	HS 2	Twy C and Twy D intersection with Rwy 01R-19L. Immediately after crossing Twy E, both Twy C and Twy D cross Rwy 01R-19L.
	HS 3	The intersection of Twy B2 and Ottawa Ave. (vehicle svc road). Twy B2 is the only entrance to the general aviation ramp. This svc road is a high tfc vehicle route for airlines and cargo carriers.
	HS 4	Gates 45 thru 57 at Terminal B and Gates 72, 73, and 76 at Terminal C are in close proximity to the movement area boundary. Pushback from these gates enters Twy D.
KIRKSVILLE		
KIRKSVILLE RGNL (IRK)	HS 1	Turf Rwy 09-27 taxi route enters Rwy 18-36 approximately 1000' south of the apch end of Rwy 18 between Twy A and Twy B.
SPRINGFIELD		
SPRINGFIELD-BRANSON NATIONAL (SGF)	HS 1	Acft exiting the Old Terminal ramp to the west, use caution as Twy D and Twy N are in close proximity to the rwys and angles create unusual holding positions.
	HS 2	Due to large acft parked on the Air Cargo Ramp, twr may be unable to maintain visual ctc with small acft taxiing northbound on Twy U north of Twy B.
ST JOSEPH		
ROSECRANS MEM (STJ)	HS 1	Use caution exiting the ramp area on Twy B. Twy B crosses Rwy 17-35 immediately after leaving ramp area.
	HS 2	Apch ends of Rwy 35 and Rwy 31 are both accessed via Twy A. When departing northbound, cross check compass on rwy to verify use of correct rwy for departure.
	HS 3	Twy B intersects Rwy 13 approximately 2000' from apch end. Back taxi clearance required for full length departure on Rwy 13.
ST LOUIS		
LAMBERT-ST LOUIS INTL (STL)	HS 1	Use caution when approaching the intersection of Twy D and Twy L; be careful not to cross the hold marking for Rwy 12R-30L without ATC authorization.
	HS 2	Acft approaching Rwy 29 on Twy T, do not turn left on Twy A. Taxi straight ahead to Rwy 29.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
ST LOUIS SPIRIT OF ST LOUIS (SUS)	HS 1	Northwest bound t/c on Twy B use caution entering complex intersection with Twy Z, Twy D, and Twy C. The close proximity of Twy C and Twy D, immediately after the turn onto Twy Z can be confusing.
	HS 2	On Twy B west of the blue port-a-ports, twr can not maintain visual ctc with vehicles and small acft.
	HS 3	On Twy B northwest of Twy A, twr can not maintain visual ctc with vehicles and acft.
NEBRASKA		
GRAND ISLAND CENTRAL NEBRASKA RGNL (GRI)	HS 1	When taxiing to the apch end of Rwy 13, use caution as Twy B crosses the apch end of Rwy 17. Rwy 17 holding position markings are accompanied by rwy guard lgts on both sides of the rwy.
	HS 2	Twy C crossed Rwy 17 immediately after leaving ramp area. Intersection of Rwy 17-35 and Twy C has rwy guard lgts on both sides of the rwy.
KEARNEY KEARNEY RGNL (EAR)	HS 1	Angle and close proximity of rwy intersection creates visibility blind spot for Rwy 13 departures with regard to Rwy 18 t/c. Slight terrain rise further blocks line of sight.
	HS 2	Twy C intersects Rwy 18-36 immediately after leaving the main ramp.
LINCOLN LINCOLN (LNK)	HS 1	Rwy 18-36, Rwy 14-32 and Twy D, Twy E and Twy J all intersect with each other in a small area. Angles of intersection can make sighting t/c difficult.
	HS 2	Rwy 32 apch holding position is located on Twy A, immediately past the Twy A run up area.
OMAHA EPPLEY AIRFIELD (OMA)	HS 1	A complex intersection of Twy S and Twy F is located between Rwy 14R-32L and the intersection of Rwy 14L-32R and Rwy 18-36.
	HS 2	Intersection of Twy A, and Twy F is in close proximity to Rwy 18-36 and Rwy 14R-32L.
OMAHA OFFUTT AFB (OFF)	HS 1	Twy M-S/M-N int used by acft support veh cros rwy.
	HS 2	Afid access gate enters directly into twr controlled movement area.
NORTH DAKOTA		
GRAND FORKS GRAND FORKS INTL (GFK)	HS 1	Clearance necessary to cross Rwy 09L and Twy A intersection.
	HS 2	Clearance necessary to cross Rwy 17R and Twy B intersection.
MINOT MINOT INTL (MOT)	HS 1	Twy B crosses the apch end of Rwy 08. Holding positions are identified by red and white 8 APCH signs.
	HS 2	Twy C crosses Rwy 08-26 at an angle. Pilots sometimes miss the holding position signs and markings for Rwy 08-26.
SOUTH DAKOTA		
SIOUX FALLS JOE FOSS FLD (FSD)	HS 1	Complex twy intersection in close proximity of rwys.

AIRPORT DIAGRAMS

HOT SPOTS

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A "hot spot" is a runway safety related problem area on an airport that presents increased risk during surface operations. Typically it is a complex or confusing taxiway/taxiway or taxiway/runway intersection. The area of increased risk has either a history of or potential for runway incursions or surface incidents, due to a variety of causes, such as but not limited to: airport layout, traffic flow, airport marking, signage and lighting, situational awareness, and training. Hot spots are depicted on airport diagrams as open circles or polygons designated as "HS 1", "HS 2", etc. and tabulated in the list below with a brief description of each hot spot. Hot spots will remain charted on airport diagrams until such time the increased risk has been reduced or eliminated.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
CONNECTICUT		
BRIDGEPORT		
IGOR I SIKORSKY MEM (BDR)	HS 1	Maintain vigilance exiting the general aviation ramp on Twy A and Twy D.
DANBURY		
DANBURY MUNI (DXR)	HS 1	Maintain vigilance confusing twy configuration.
	HS 2	Area not visible from the twr.
	HS 3	Active ramp adjacent to twy.
	HS 4	Hold position marking on Twy C for Rwy 26 is further from the rwy than the std location. It will appear before you expect it.
GROTON (NEW LONDON)		
GROTON-NEW LONDON (GON)	HS 1	When Idg Rwy 15-33 and exit on Twy C, you immediately enter the parallel Twy B.
	HS 2	When Idg Rwy 15-33 and exit on Twy J, you immediately enter the parallel Twy B.
HARTFORD		
HARTFORD-BRAINARD (HFD)	HS 1	Helipad is in close proximity to the intersection of Twy A and Twy H.
WINDSOR LOCKS		
BRADLEY INTL (BDL)	HS 1	Twy C and Twy E complex intersection in close proximity to Rwy 01-19.
	HS 2	Acft on Twy S missing Twy C may enter Rwy 24.
	HS 3	Acft on Twy J missing Twy S may enter Rwy 33.
DELAWARE		
DOVER		
DOVER AFB (DOV)	HS 1	Intersecting twys and rwys can create confusion. Query twr if lost or need help.
	HS 2	Notice: Controlled Movement Area (CMA) boundary lines and stop lines are not always co-located with rwy hold lines.
	HS 3	Hold lines are further back from rwy than anticipated.
WILMINGTON		
NEW CASTLE (ILG)	HS 1	Twy F intersects Rwy 09-27 which is in close proximity to the thld of Rwy 14-32.
DISTRICT OF COLUMBIA		
WASHINGTON		
RONALD REAGAN WASHINGTON NATIONAL (DCA)	HS 1	Twy M and Twy J intersection in close proximity of the rwy.
	HS 2	Twy N, Twy K, Twy L, and Twy J complex intersection in close proximity of the rwy.
MAINE		
PORTLAND		
PORTLAND INTL JETPORT (PWM)	HS 1	Aft taxiing southbound on Twy C must be alert to not miss the turn at Twy A and enter Rwy 11-29 without authorization.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
MARYLAND		
BALTIMORE		
BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL (BWI)	HS 1	Uncontrolled stop bar. No crossing allowed.
	HS 2	Caution Rwy 10–28 in close proximity to Twy P1 intersection.
	HS 3	Twy E and Twy P intersect in close proximity to Rwy 10–28.
EASTON		
EASTON/NEWMAN FLD (ESN)	HS 1	Acraft taxiing southbound on Twy A to Rwy 33 inadvertently miss the turn onto Twy B and enter Rwy 33 without a clearance. Twy A and Twy B intersection in close proximity to the rwy.
FREDERICK		
FREDERICK MUNI (FDK)	HS 1	Eastbound t/c on Twy E and North and Southbound t/c on Twy A must remain alert for t/c exiting Rwy 05–23 at Twy E.
	HS 2	Northbound t/c on Twy A must remain alert as to not miss Twy B when taxiing to Rwy 30 and Southeast bound t/c on Twy B as not to miss Twy A when taxiing to Rwy 23.
	HS 3	Northbound t/c on Twy A need to be alert as not to miss Twy B and inadvertently taxi onto Rwy 30.
	HS 4	Southeast bound t/c on Twy B need to be alert as not to miss Twy A and inadvertently taxi onto Rwy 23.
MASSACHUSETTS		
BEDFORD		
LAURENCE G HANSCOM FLD (BED)	HS 1	Pilots become confused with the wide expanse of pavement and convergence of numerous twys.
BEVERLY		
BEVERLY MUNI (BVY)	HS 1	Prepare to hold short of Rwy 16–34 immediately after exiting the East Ramp.
	HS 2	Acraft taxiing SE on Twy E fail to turn on Twy H and enter Rwy 27 without authorization.
BOSTON		
GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)	HS 1	Maintain vigilance when taxiing on Rwy 15L–33R approaching Rwy 04L–22R.
	HS 2	Maintain vigilance on Twy C when approaching Rwy 04L–22R.
	HS 3	Maintain vigilance on Twy E and Twy K when approaching Rwy 04L–22R.
	HS 4	Holdline on Twy B is further back than expected. Rwy 14 markings are not taxi markings, thus is confusing to where to hold short.
LAWRENCE		
LAWRENCE MUNI (LWM)	HS 1	Maintain vigilance approaching Rwy 05–23 hold lines.
	HS 2	Maintain vigilance on Twy A; hold line to Rwy 14–32 appears quickly.
	HS 3	Maintain vigilance approaching Rwy 05–23 hold lines.
NANTUCKET		
NANTUCKET MEM (ACK)	HS 1	Maintain vigilance while taxiing. High t/c area.
	HS 2	Maintain vigilance while taxiing. High t/c area.
	HS 3	Maintain vigilance while taxiing. High t/c area.
NORWOOD		
NORWOOD MEM (OWD)	HS 1	Hold position marking on Twy A for Rwy 35 is further from the rwy than the standard location. It will appear before you expect it.
WORCESTER		
WORCESTER RGNL (ORH)	HS 1	Maintain vigilance on Twy D and Twy F, converging twys in close proximity to Rwy 15–33.

AIRPORT DIAGRAMS

CITY/AIRPORT	HOT SPOT	DESCRIPTION
NEW HAMPSHIRE		
LEBANON		
LEBANON MUNI (LEB)	HS 1	Rwy hold position marking for Rwy 25 on Twy B is further down the twy than most pilots would expect. When taxiing to Rwy 25 on Twy B the hold line will appear before you expect it.
	HS 2	North Ramp and Twy B between Twy B1 and Twy B2 area not visible from the twr.
	HS 3	Acft routinely back taxi on Rwy 18–36.
MANCHESTER		
MANCHESTER (MHT)	HS 1	Maintain vigilance approaching the rwy holding position markings. Anticipate the Rwy 17 hold line upon crossing Rwy 24 northbound on Twy H.
	HS 2	Maintain vigilance when taxiing to Rwy 35 on Twy A. Rwy holding position markings located on the edge of Twy A at Twy P and Twy U.
NEW JERSEY		
CALDWELL		
ESSEX CO (CDW)	HS 1	Pilots taxiing to Rwy 28 northbound on Twy P should exercise caution at intersection of Twy P and Twy N due to close proximity to Rwy 28.
NEWARK		
NEWARK LIBERTY INTL (EWR)	HS 1	Eastbound t/c on Twy Z approaching Rwy 04R–22L should be aware of close proximity to the approach end of Rwy 04R–22L.
	HS 2	Northbound t/c on Twy P turning left onto Twy Z must remain aware of the close proximity of Rwy 04L–22R.
	HS 3	Southbound t/c on Twy Z3 & Z4 should not confuse Rwy 11–29 for Twy Z.
TETERBORO		
TETERBORO (TEB)	HS 1	T/c taxiing on Twy B between Rwy 01–19 and Rwy 06–24 should maintain vigilance due to close proximity to both rwys. Distance between rwy hold short lines limited to 16 ft.
	HS 2	Maintain vigilance on Twy L at Rwy 06–24. High t/c area.
	HS 3	Maintain vigilance on Twy G at Rwy 06–24. High t/c area.
NEW YORK		
NEW YORK		
LA GUARDIA (LGA)	HS 1	Intersection of rwys and Twy G, Twy P, Twy R, Twy S.
	HS 2	Maintain vigilance when exiting Rwy 04 at Twy Q. Be sure to completely cross the hold line which requires crossing onto another twy.
NEW YORK		
LONG ISLAND MAC ARTHUR (ISP)	HS 1	The hold line on Twy B4 south of Rwy 10–28 is the hold line for both Rwy 15R–33L and Rwy 10–28.
	HS 2	Rwy 06–24 and Rwy 10–28 complex intersection.
NEWBURGH		
STEWART INTL (SWF)	HS 1	Northbound t/c on Twy C sometimes encounter t/c on Twy A.
	HS 2	Acft exiting Rwy 27 frequently encounter vehicle t/c holding on Twy A2.
ROCHESTER		
GREATER ROCHESTER INTL (ROC)	HS 1	Be alert during Idg/tkf Rwy 25 and Rwy 28 thlds in close proximity to each other.
	HS 2	Do not cross Rwy 10–28 without specific ATC clearance.
SYRACUSE		
SYRACUSE HANCOCK INTL (SYR)	HS 1	T/c exiting General Aviation parking sometimes miss the turn onto Twy H and enter Rwy 10–28 without authorization.
	HS 2	Acft taxiing southbound on Twy B, Twy E or Twy F miss the turn onto Twy A and enter the rwy without authorization.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
PENNSYLVANIA		
HARRISBURG CAPITAL CITY (CYX)	HS 1	Rwy 26 LAHSO pavement marking is difficult to see in late afternoon due to sun.
	HS 2	Rwy 08 ILS Critical Area hold line pavement marking is NSTD.
	HS 3	Twy C at Rwy 30. Entrance to Twy B is difficult to see from Twy C due to large pavement area.
PHILADELPHIA PHILADELPHIA INTL (PHL)	HS 1	Acft taxiing on Twy D must remain alert to not enter Rwy 08–26 without proper clearance.
	HS 2	Acft exiting the ramp via Twy H must remain alert to not mistake Rwy 17–35 for Twy E.
	HS 3	Tfc taxiing south on Twy Y must be alert to not miss the turn at Twy S and enter onto Rwy 09R–27L.
READING READING RGNL/CARL A SPAATZ FLD (RDG)	HS 1	Hold lines on Twy B for Rwy 31 and Rwy 36 can be confusing due to close proximity.
	HS 2	Area along Twy H from Twy D to Rwy 18 hold line not visible from ATCT.
	HS 3	Area along Twy A from terminal ramp to Rwy 36 hold line not visible from ATCT.
WILLIAMSPORT WILLIAMSPORT RGNL (IPT)	HS 1	Tfc approaching the Rwy 27 and Rwy 30 Hold Line on Twy B must remain alert so as not to mistake that Hold Line as applying to a single rwy only. The Hold Line applies to Rwy 27 and Rwy 30.
RHODE ISLAND		
PROVIDENCE THEODORE FRANCIS GREEN STATE (PVD)	HS 1	Maintain vigilance at Twy M and Twy C due to vast amount of pavement and multiple rwy hold lines in close proximity of rwy.
	HS 2	Intersection of Rwy 16–34, Twy V, Twy N, and Twy T –complex intersection with a convergence of numerous twys with Rwy 16–34.
	HS 3	Twy M at the intersection of Twy B use extra vigilance due to vast amount of pavement and multiple hold lines in close proximity of rwy.
VERMONT		
BURLINGTON BURLINGTON INTL (BTV)	HS 1	Wrong rwy departure risk. Pilots instructed to depart Rwy 19 mistakenly depart wrong rwy – Rwy 15.
	HS 2	Maintain vigilance on Twy C approaching Rwy 01–19 hold lines.
VIRGINIA		
LYNCHBURG LYNCHBURG RGNL/PRESTON GLENN FLD (LYH)	HS 1	Acft taxiing northeast on Twy C may miss the left turn onto Twy B and inadvertently enter Rwy 04–22 without authorization.
NEWPORT NEWS NEWPORT NEWS/WILLIAMSBURG INTL (PHF)	HS 1	Maintain vigilance. Due to the large pavement area at the int of Rwy 07–25 and Rwy 02–20, pilots can easily become disoriented through the int.
	HS 2	Wrong rwy departure risk. Pilots instructed to depart Rwy 07 or Rwy 02 may mistakenly depart the adjacent rwy due to the close proximity of the thlds.
RICHMOND RICHMOND INTL (RIC)	HS 1	Wrong rwy departure risk. Pilots instructed to depart Rwy 20 or Rwy 16 mistakenly depart the adjacent rwy due to close proximity of thlds. Acft ldg Rwy 34 unable to exit Twy C expect to cross the departure end of Rwy 02 to clear the rwy.

AIRPORT DIAGRAM

CITY/AIRPORT	HOT SPOT	DESCRIPTION
ROANOKE		
ROANOKE RGNL/WOODRUM FLD (ROA)	HS 1	Northbound tfc on Twy A for Rwy 24 sometimes fail to make the turn at Twy G and enter Rwy 06-24 without a clearance.
WEST VIRGINIA		
HUNTINGTON		
TRI-STATE/MILTON J. FERGUSON FLD (HTS)	HS 1	Maintain vigilance, Twy A does not lead to the end of Rwy 12. Full length departures rqr rwy crossing.
	HS 2	Maintain vigilance, Twy B relocated 200' southeast. Former twy is partially blocked and used as a vehicle access road.

AIRPORT DIAGRAMS

HOT SPOTS

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CITY/AIRPORT	HOT SPOT IDAHO	DESCRIPTION
BOISE		
BOISE AIR TERMINAL/GOWEN FLD (BOI)	HS 1	Pilots departing Rwy 10L often miss the left turn on Twy W and continue taxi on Twy J. Do not mistake Rwy 10L apch sign for Rwy 10L entrance.
HAILEY		
FRIEDMAN MEM (SUN)	HS 1	Possible confusion between ramp and Twy B due to large paved area. ATC clearance is needed to enter movement area.
IDAHO FALLS		
IDAHO FALLS RGNL (IDA)	HS 1	Pilots should use caution and look carefully for rwy hold line when using Twy C. Rwy 17-35 does not have rwy edge markings and can be mistaken for a twy.
	HS 2	Acft departing Rwy 20 often miss left turn on A1 and taxi past A1 entrance. Do not mistake Rwy 20 apch hold line on Twy A for entrance to Rwy 20.
	HS 3	Do not cross hold line for Rwy 17 without authorization.
	HS 4	Pilots often line up for Rwy 17 when cleared to land Rwy 20. Rwy 20 and Rwy 17 apch ends in close proximity. Check rwy alignment.
LEWISTON		
LEWISTON-NEZ PERCE CO (LWS)	HS 1	Twy C and Twy G intersection close proximity to Rwy 12-30.
	HS 2	Multiple hold lines in close proximity between the rwys. Pilots instructed to hold short of Rwy 30 on Twy G sometimes miss the first hold line.
TWIN FALLS		
JOSLIN FLD – MAGIC VALLEY RGNL (TWF)	HS 1	No signage for Twy A visible from FBO ramp. Left turn required to reach Twy A. Pilots sometimes enter Rwy 12-30 at Twy K when looking for Twy A.
MONTANA		
BILLINGS		
BILLINGS LOGAN INTL (BIL)	HS 1	Twy H crosses Rwy 07 protected area. Do not proceed across Rwy 07 without an ATCT clearance.
	HS 2	Complex intersection of Twy A, Twy C, ramp, and Rwy 10L-28R. Large non-movement area south of Twy A.
BOZEMAN		
BOZEMAN YELLOWSTONE INTL (BZN)	HS 1	Pilots taxiing via Twy A to Rwy 30 for departure sometimes fail to hold short of Rwy 03-21.
BUTTE		
BERT MOONEY (BTM)	HS 1	Rstd visibility between Rwy 33 and Rwy 30. Acft departing/ldg may not see tfc on intersecting rwy.
GREAT FALLS		
GREAT FALLS INTL (GTF)	HS 1	Acft departing Rwy 21 often miss left turn at Twy A1. There is no rwy access beyond Twy A1.
	HS 2	Twy A3 aligned with Rwy 25. Acft departing Rwy 21 at Twy A3 must verify heading prior to txf due to wrong rwy departure risk.

CITY/AIRPORT	HOT SPOT OREGON	DESCRIPTION
EUGENE MAHLON SWEET FLD (EUG)	HS 1	Acft taxiing to Rwy 34L often miss right turn at Twy A8 or Twy A9. Do not mistake Rwy 34L apch hold sign on Twy A south of Twy A9 for rwy entrance.
NORTH BEND SOUTHWEST OREGON RGNL (OTH)	HS 1	Twy C crosses the north end of Rwy 13–31. Pilots have mistaken the rwy as part of the twy and taxied onto Rwy 13–31 without clearance.
PENDLETON EASTERN OREGON RGNL AT PENDLETON (PDT)	HS 1	The hold line for Rwy 29 extends across a portion of the ramp and is approximately 360' long. The signs are difficult to see from some spots on the ramp.
PORTLAND PORTLAND INTL (PDX)	HS 1	Limited wing-tip clearance at twy convergence point. Pilots taxiing eastbound on Twy B should hold at the twy holding position marking when directed by ATC.
	HS 2	Hold line for Rwy 03–21 is on Twy K. Pilots should be prepared to hold short of Rwy 21 on Twy K unless an authorization to cross has been issued by ATC.
PORTLAND PORTLAND–HILLSBORO (HIO)	HS 1	Acft exiting Rwy 13–31 at Twy A6 have only 90' of clearance between Twy A centerline and holding position markings.
REDMOND ROBERTS FLD (RDM)	HS 1	Pilots eastbound on Twy G sometimes miss the turn onto Twy F and cross the Rwy 04–22 hold line.
	HS 2	Pilots eastbound on Twy C sometimes miss the turn onto Twy F and cross the Rwy 04–22 hold line.
SALEM MCNARY FLD (SLE)	HS 1	When the ATCT is clsd the rwy holding position marking on the west side of Rwy 16–34 is inside the protected area for Rwy 13–31. Pilots should not hold at this position if other t/c is arriving or departing on Rwy 13–31.

WASHINGTON

EVERETT SNOHOMISH CO (PAINE FLD) (PAE)	HS 1	Pilots holding short of Rwy 11–29 at Twy A5 or Twy A6 should use caution to stop prior to the rwy holding position marking. Rwy hold position signs are located 230' to the right and 350' to the left of the Twy A5 centerline and may be difficult to locate.
	HS 2	Rwy 29 thld in close proximity to ramp areas.
	HS 3	Twy A between Twy A9 and Twy A10 not visible from ATCT.
MOSES LAKE GRANT CO INTL (MWH)	HS 1	Unusual hold line location on Twy C, 1568' short of Rwy 18 Thld.
	HS 2	Rwy 09–27 clsd except mil ops. Rwy 09–27 has no rwy markings and NSTD rwy lgts.
OLYMPIA OLYMPIA RGNL (OLM)	HS 1	No rwy holding position signs for Rwy 8–26 on Rwy 17–35.
PASCO TRI-CITIES (PSC)	HS 1	Pilots Idg Rwy 30 should listen carefully to ATCT instructions and be prepared to exit onto Rwy 03R–21L or Rwy 03L–21R. Pilots often exit at the wrong rwy as directions signs are not avbl.
	HS 2	Pilots sometimes cross Rwy 21L without authorization. When twr is opr, ATC clearance is required to enter or cross rwy.
SEATTLE BOEING FLD/KING CO INTL (BFI)	HS 1	Twy Z restricted access area.
	HS 2	Rwy 13R–31L and Twy A9. Wrong rwy departure risk.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
SEATTLE		
SEATTLE-TACOMA INTL (SEA)	HS 1	Acft Idg Rwy 34C and exiting Twy H who turn right on Twy J must clear the Rwy 34C hold bar completely, while using vigilance not to cross the hold bar for Rwy 34R (34C-34R hold bar separation distance 189').
	HS 2	Acft taxiing to Rwy 34C at Twy Q for departure sometimes enter Rwy 34R without authorization after reading back hold short instructions. Rwy 34R hold position is only 275' from the ramp and movement area boundary.
	HS 3	Acft exiting Rwy 34C at Twy F sometimes enter Rwy 34R without authorization, taxi distance is very short and pilots should use caution to stop at hold line unless authorized to cross the rwy.
SPOKANE		
FELTS FLD (SFF)	HS 1	Complex intersection of Twy A, Twy B, Twy C and ramp. Rwy 04R APCH hold line in close proximity to ramp on Twy C.
WALLA WALLA		
WALLA WALLA RGNL (ALW)	HS 1	Wrong rwy departure risks exist when departing Rwy 20 or Rwy 25.
	HS 2	Pilots sometimes taxi past Twy A onto Rwy 02-20 without permission. Twy A runs on north edge of ramp prior to Twy B entrance to Rwy 02-20.
YAKIMA		
YAKIMA AIR TERMINAL/MCALLISTER FLD (YKM)	HS 1	Twy C, Twy B, and Rwy 22 complex intersection. Rwy hold lines are at an unusual distance from rwy edge, rwy markings not easily visible from hold line.
WYOMING		
CASPER		
CASPER/NATRONA CO INTL (CPR)	HS 1	Wide Complex intersection including large paved area. Rwy 26 and Rwy 21 wrong rwy departure risk.
	HS 2	Pilots sometimes taxi past Twy A onto Rwy 03-21 without authorization. Twy A on edge of ramp with no signage, and Twy A5 has direct access to Rwy from ramp.
CHEYENNE		
CHEYENNE RGNL/JERRY OLSON FLD (CYS)	HS 1	Confusing twy configuration. Twy A transitions to Twy B and back to Twy A when taxiing to and from Rwy 13-31.
JACKSON		
JACKSON HOLE (JAC)	HS 1	There is no "Twy Edge" marking or lighting on East side of Twy A adjacent to De-ice Pad between Twy A2-Twy A4. Existing lighting is misleading to pilots.
	HS 2	Pilots Idg Rwy 19 fail to stop and have a tendency to taxi into blast pad.

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HAWAII		
HONOLULU		
HONOLULU INTL (HNL) (PHNL)	HS 1	Rwy 4R/4L thresholds sometimes confuses pilots, and cause a potential for wrong rwy landings.
	HS 2	Acft ldg Rwy 04R and exiting left onto Twy K sometimes fail to hold short of Rwy 04L-22R and Rwy 08L-26R.
	HS 3	Acft proceeding north on Twy E and instructed to turn left onto Twy B sometimes miss the turn onto Twy B and proceed onto Rwy 08L-26R without clearance.
	HS 4	Twy A, Twy V, Twy T, Twy RB, and Twy M all converge at or in close proximity to Rwy 08L.
	HS 5	Area not visible from twr.
KAHULUI		
KAHULUI (OGG) (PHOG)	HS 1	Acft ldg Rwy 05 and instructed to exit on Twy A with a left turn onto Twy F to the east ramp, sometimes turn left onto Twy G by mistake.
	HS 2	Rwy holding position marking Rwy 02-20 located at the intersection of Twy E and the ramp.
KAUNAKAKAI		
MOLOKAI (MKK)(PHMK)	HS 1	Area not visible from ctl twr.

AIRPORT DIAGRAMS

HOT SPOTS

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An "Airport surface hot spot" is a location on an aerodrome movement area with a history or potential risk of collision or runway incursion, and where heightened attention by pilots/drivers is necessary.

A "hot spot" is a runway safety related problem area on an airport that presents increased risk during surface operations. Typically it is a complex or confusing taxiway/taxiway or taxiway/runway intersection. The area of increased risk has either a history of or potential for runway incursions or surface incidents, due to a variety of causes, such as but not limited to: airport layout, traffic flow, airport marking, signage and lighting, situational awareness, and training. Hot spots are depicted on airport diagrams as open circles or polygons designated as "HS 1", "HS 2", etc. and tabulated in the list below with a brief description of each hot spot. Hot spots will remain charted on airport diagrams until such time the increased risk has been reduced or eliminated.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
ARKANSAS		
LITTLE ROCK		
BILL AND HILLARY CLINTON NATIONAL/ADAMS FLD (LIT)	HS 1	Wrong Rwy Departure Risk – Rwy 36 and Rwy 04L thlds in close proximity and share single hold lines at both Twy A and Twy F. Ensure correct rwy alignment.
LOUISIANA		
HOUMA		
HOUMA–TERREBONNE (HUM)	HS 1	Rwy Incursion Risk: Complex intersection Twy H, Twy E and Twy B east of Rwy 18–36 & Rwy 12–30.
LAFAYETTE		
LAFAYETTE RGNL (LFT)	HS 1	Twy D and Twy C may experience ramp congestion and a short taxi transition to Rwy 11. Be alert not to enter Rwy 11–29 without ATC approval. Acft on the Terminal Ramp, contact Ground Control prior to push back.
	HS 2	Twy F and Twy J extend across Rwy 11–29, and Twy B extends across Rwy 04L–22R, all in close proximity. Be alert for Rwy Holding Position Markings.
	HS 3	Twy F East of Rwy 04L has max weight restriction. Some acft exiting Rwy 22L at Twy H have entered Twy F instead of making the sharp right turn onto Twy J.
MONROE		
MONROE RGNL (MLU)	HS 1	Acft taxiing on Twy A between Rwy 14 and Rwy 18 note the rwy hold lines in close proximity.
NEW ORLEANS		
LAKEFRONT (NEW)	HS 1	Rwy Incursion Risk at Twy F and Rwy 09–27 – Wide intersection.
	HS 2	Rwy Incursion Risk at Twy F and Rwy 27– Hold Line is at Apron exit on Twy F.
	HS 3	Rwy Incursion Risk at Twy B and Rwy 36L– Apron exit east of Rwy 36L is inside Hold Lines.
NEW ORLEANS		
LOUIS ARMSTRONG NEW ORLEANS INTL (MSY)	HS 1	Lead-Off lines from Rwy 10 can be misinterpreted for Twy F, a perpendicular crossing, due to visual obstruction caused by crowned rwy.
	HS 2	Green painted ovrn for Rwy 10–28 can be misinterpreted for Twy E when landing Rwy 01–19.
OKLAHOMA		
NORMAN		
UNIVERSITY OF OKLAHOMA WESTHEIMER (OUN)	HS 1	Rwy 03–21 hold marking is in close proximity to the ramp.
	HS 2	Rwy 03–21 hold marking is in close proximity to the ramp.
	HS 3	Rwy 03–21 hold marking is a short taxi distance from Rwy 17–35.
	HS 4	Pilots taxiing westbound on Twy B risk incursion of Rwy 17–35 if they miss the turn to Twy C.
TULSA		
TULSA INTL (TUL)	HS 1	Expansive pavement at the intersection of Twy C, Twy J and Twy K in near proximity to Rwy 08–26 and Terminal Ramp. Be alert for Rwy 08–26 hold short line and do not cross without authorization.

CITY/AIRPORT	HOT SPOT TEXAS	DESCRIPTION
BEAUMONT/PORT ARTHUR JACK BROOKS RGNL (BPT)	HS 1	South end of Twy B not visible from ctl twr.
CORPUS CHRISTI CORPUS CHRISTI INTL (CRP)	HS 1	Rwy 36 Safety Area encroaches Twy A past the Rwy 31 Hold Short Line and wigwag lights.
DALLAS ADDISON (ADS)	HS 1	Twy A and Rwy 15-33. Holding Position Markings have been moved back to the edge of Twy A.
	HS 2	Twy J and Rwy 15-33. Holding Position Markings have been moved back to the edge of Twy A.
	HS 3	Twy H and Rwy 15-33. Holding Position Markings have been moved back to the edge of Twy A.
	HS 4	Twy G and Rwy 15-33. Holding Position Markings have been moved back to the edge of Twy A.
	HS 5	Twy F and Rwy 15-33. Holding Position Markings have been moved back to the edge of Twy A.
	HS 6	Twy E and Rwy 15-33. Holding Position Markings have been moved back to the edge of Twy A.
	HS 7	Twy D and Rwy 15-33. Holding Position Markings have been moved back to the edge of Twy A.
	HS 8	Twy C and Rwy 15-33. Holding Position Markings have been moved back to the edge of Twy A.
	HS 9	Twy A and Rwy End 33. Holding Position Markings have been moved back to the edge of Twy A prior to turn off parallel twy.
DALLAS DALLAS LOVE FLD (DAL)	HS 1	Acft NW bound on Twy A sometimes cross relctd Rwy 13L hold short line.
DENTON DENTON MUNI (DTO)	HS 1	Rwy incursion risk-Pilots frequently enter Twy A4 when taxiing on Twy B towards Rwy 18-36.
FORT WORTH FORT WORTH ALLIANCE (AFW)	HS 1	Rwy incursion risk-pilots occasionally miss turn from ramp onto Twy A and enter Twy E towards Rwy 16L-34R.
FORT WORTH FORT WORTH MEACHAM INTL (FTW)	HS 1	Runway incursion risk - Pilots frequently miss turn onto Twy A when taxiing on Twy A2 NW bound and enter Rwy 16-34.
	HS 2	Rwy 09-27 incursion risk on Twy A northbound from Twy C.
HARLINGEN VALLEY INTL (HRL)	HS 1	Southeast corner of the airport and coincident thlds of Rwy 31 and Rwy 35R may cause confusion for departing acft.
HOUSTON DAVID WAYNE HOOKS MEM (DWH)	HS 1	Rwy Incursion Risk- Ramp accessible to inadequately trained drivers; inadequate signage leaving ramp.
	HS 2	Rwy Incursion Risk- Complex twy intersection near Rwy 17L.
	HS 3	Rwy Incursion Risk- Previous Incursions occurring Twy E at Rwy 17R-35L.
HOUSTON LONE STAR EXECUTIVE (CXO)	HS 1	Twy F west of Twy D not visible from ctl twr.
HOUSTON WILLIAM P HOBBY (HOU)	HS 1	Rwy Incursion Risk- Twy D crosses Rwy 12L, Rwy 17, and Rwy 12R in close proximity. Rwy 17 and Rwy 12R share single Hold Line. Ensure correct Rwy alignment.
	HS 2	Rwy Incursion Risk- Twy G at Rwy 12R: Numerous incursions, pilots inadvertently miss Hold Lines on Twy G at Rwy 12R.
	HS 3	Rwy Incursion Risk- Twy K1 at Rwy 35 & Rwy 04 intersection: Ensure correct Rwy alignment.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
MIDLAND		
MIDLAND INTL (MAF)	HS 1	Twy B and Twy P merge.
	HS 2	NSTD location of the rwy hold short line and sign for Rwy 10. Twy A west of Twy V and the associated run-up areas not visible from the twr. Limited air tfc services provided.
	HS 3	Area not visible from twr. Limited air tfc services provided.
SAN ANTONIO		
SAN ANTONIO INTL (SAT)	HS 1	Rwy 04 at Rwy 30L. Acft taxiing on Rwy 04 sometimes fail to hold short of Rwy 30L.
	HS 2	Twy G and Twy N in close proximity of Rwy 30L. Acft taxiing northbound on Twy N sometimes fail to make the turn onto Twy G and enter Rwy 30L without approval.
	HS 3	Twy K at Rwy 12R. Acft taxiing on Twy K sometimes fail to hold short of Rwy 12R.
SAN ANTONIO		
STINSON MUNI (SSF)	HS 1	Area not visible from the twr.
	HS 2	Twys A, A1, acft sometimes fail to hold short of Rwy 27 enroute to Rwy 32.
WACO		
WACO RGNL (ACT)	HS 1	Wrong Rwy Departure Risk, Rwy 01 and Rwy 32 thlds in close proximity. Rwy 14 unusable pavement byd Twy B3.

AIRPORT DIAGRAMS

HOT SPOTS

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CITY/AIRPORT	HOT SPOT	DESCRIPTION
ALABAMA		
MOBILE		
MOBILE DOWNTOWN (BFM)	HS 1	Separate hold lines on Twy H and Twy L are set back 350' from the rwy edge.
MONTGOMERY		
MONTGOMERY RGNL (DANNELLY FLD) (MGM)	HS 1	Intersection of Twy A3 and the terminal ramp. Potential confusion of Twy A3 as the taxi route to Rwy 10-28 and Twy A5.
	HS 2	Intersection of the Twy A5 and the ANG ramp. Potential exiting Rwy 10-28 at Twy A5.
TUSCALOOSA		
TUSCALOOSA RGNL (TCL)	HS 1	Unusually placed Rwy 29 hold line just beyond Twy D5.
FLORIDA		
DAYTONA BEACH		
DAYTONA BEACH INTL (DAB)	HS 1	Pilots taxiing southbound on Twy W sometimes miss the right turn on Twy S and enter the rwy without clearance.
FORT LAUDERDALE		
FORT LAUDERDALE EXECUTIVE (FXE)	HS 1	Large paved run-up area located adjacent to Rwy 08 ApcH and Twy E. Do not access Rwy 08 without ATC authorization.
	HS 2	Active intersection when simultaneous ops occur on Rwy 08 and Rwy 13. Pilots taxi from Rwy 13 & Twy E run-up area via Twy B. Do not continue on to Rwy 08-26 without ATC authorization.
	HS 3	Active intersection when simultaneous ops occur on Rwy 08 and Rwy 13. Pilots taxi from Rwy 13 and Twy E run-up area via Twy A, Twy B and Twy E. Do not continue on to Rwy 13-31 without ATC authorization.
	HS 4	Large paved area with direct access to Rwy 13-31 from Taxilane C Ramp. Do not access Rwy 13-31 without ATC authorization.
	HS 5	Twy B5 has direct access from ramp to Rwy 31 ApcH. Do not access Rwy 31 without ATC authorization.
FORT LAUDERDALE		
FORT LAUDERDALE/HOLLYWOOD INTL (FLL)	HS 1	Twy E at Rwy 10L-28R.
	HS 2	Twy D at Rwy 10L-28R.
	HS 3	Twy Q at Rwy 10L-28R.
	HS 4	Twy departure risk: When on Twy C do not mistake Twy B for Rwy 09L.
FORT MYERS		
PAGE FLD (FMY)	HS 1	Twy A at the intersections of Twy A2 and Twy D is a dog leg turn. Twy A continues to the apch end of Rwy 05. Do not use Twy A2 unless instructed.
	HS 2	Multiple twy intersections in the vicinity of the intersection of Rwy 05-23 and Rwy 13-31.
FORT MYERS		
SOUTHWEST FLORIDA INTL (RSW)	HS 1	Twy G1 is aligned with Twy F2. You must receive clearance to proceed onto Twy F2.
	HS 2	When landing Rwy 06, Twy F6 high speed exit sign is located immediately before the Twy F5 reverse high speed exit.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
GAINESVILLE		
GAINESVILLE RGNL (GNV)	HS 1	Pilots departing on Rwy 07 may be directed by ATC to hold short at Rwy 11 apch before taxiing to Rwy 07.
	HS 2	Rwy 07 and Rwy 11 apch ends are in close proximity.
	HS 3	Use Twy A1 and Twy B to taxi to Rwy 25 and Rwy 29.
HOLLYWOOD		
NORTH PERRY (HWO)	HS 1	Southbound on Twy D for Rwy 28R departures—Pilots miss the turn onto Twy P and enter the rwy.
	HS 2	The hold line for Rwy 01L is also the hold line for Rwy 10R.
	HS 3	Acft taxiing on Twy L westbound to depart on Rwy 01L—19R, Twy L crosses the apch end of Rwy 01R. Pilots must obtain clearance from ground ctl prior to crossing Rwy 01R.
MIAMI		
KENDALL—TAMiami EXECUTIVE (TMB)	HS 1	Twy H and Twy E hold lines are in close proximity to Rwy 13—31.
MIAMI		
MIAMI INTL (MIA)	HS 1	Short taxi across twys to rwy.
	HS 2	Short taxi across twys to rwy.
	HS 3	Rwy 27 and Rwy 30 wrong rwy departure risk.
	HS 4	Short taxi between rwys.
	HS 5	Two rwy ends close together with multiple hold lines that are dependent upon the rwy(s) in use. (SEE INSET)
MIAMI		
OPA—LOCKA EXECUTIVE (OPF)	HS 1	Short taxi ramp to rwy risk. Large pavement area with only sfc painted location and direction signs.
NEW SMYRNA BEACH		
NEW SMYRNA BEACH MUNI (EVB)	HS 1	Two closely spaced hold lines on Twy E for Rwy 25 and Rwy 20.
ORLANDO		
EXECUTIVE (ORL)	HS 1	Failure to maintain situational awareness has caused acft to taxi onto Twy E4 when southeast bound on Twy K instead of continuing on Twy A when instructed.
	HS 2	Acft ldg on Rwy 25 often confuse the Rwy 13—31 LAHSO sign for the Twy E right turn. Twy E is located prior to Rwy 13—31.
	HS 3	Acft ldg Rwy 7 should use Twy A3 and not the reverse high speed Twy A4. Directional signage and pavement markings are in place for safety.
ORLANDO		
ORLANDO SANFORD INTL (SFB)	HS 1	Rwy 09C APCH hold (Rwy 09C APCH) enroute to Twy C.
	HS 2	The hold line for Rwy 09R on Twy R northbound is placed immediately adjacent to Twy S after crossing Rwy 36 and turning right on Twy R.
SARASOTA/BRADENTON		
SARASOTA/BRADENTON INTL (SRQ)	HS 1	Be alert to multiple twy and rwy crossing points surrounding the intersection of Rwy 14—32 and Rwy 04—22.
STUART		
WITHAM FLD (SUA)	HS 1	Intersecting rwys, wrong rwy departure risk. (Check rwy alignment.)
	HS 2	Rwy 12 and Twy A1.
WEST PALM BEACH		
PALM BEACH INTL (PBI)	HS 1	Runway 10L hold short line on Twy L is located prior to the bend in the Twy.
	HS 2	Acft NW—bound on Twy F missing left turn onto Twy L.
	HS 3	Acft of the north ramps miss the turn onto Twy G.
	HS 4	Be aware hold line on Twy F set back further than normal.
	HS 5	Large pavement area at the intersections of Twy L, Twy L3, Twy E and the ramp may cause confusion.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
GEORGIA		
ATLANTA		
DEKALB-PEACHTREE (PDK)	HS 1	When side stepping from Rwy 21L to Rwy 21R pilots have mistakenly landed on Twy A.
	HS 2	Southbound t/c on Twy B will miss the turn onto Twy A when assigned Rwy 03L or Rwy 03R.
	HS 3	Pilots expecting Rwy 03R often fail to hold at Rwy 03L.
ATLANTA		
HARTSFIELD – JACKSON ATLANTA INTL (ATL)	HS 1	Intersections of Twy C and Twy D at Rwy 08L–26R. Hold short line is only 250' after exiting the FBO ramp. Rwy hold bar is canted which peaks towards the twy.
	HS 2	Intersections of Twy C and Twy D at Rwy 08R–26L. Caution transitioning between the parallel rwys. Rwy hold bar is canted which peaks towards the twy. Rwy hold short line is only 380' away after exiting Rwy 08L–26R and 70' south of the Twy B centerline.
	HS 3	Intersection of Twy H at Rwy 08R–26L. Acft traveling westbound for the Twy V end-around, mistakenly turn southbound on Twy H and enter Rwy 08R–26L.
	HS 4	Intersection of Twy D at Rwy 09L–27R. Acft southbound on Twy D fail to turn on Twy L and Twy M and enter Rwy 09L–27R. Acft crossing Rwy 09L–27R at Twy D southbound to Twy K must turn 45 degrees left immediately after crossing the rwy hold bar.
AUGUSTA		
AUGUSTA RGNL AT BUSH FLD (AGS)	HS 1	Intersection of Twy E and Rwy 17–35.
	HS 2	Short twy distance from ramp to Rwy 08 thld. Be aware of the Twy E and Twy C intersection for Rwy 08–26.
SAVANNAH		
SAVANNAH/HILTON HEAD INTL (SAV)	HS 1	Twy E from AER 28 to about 310' west on Twy E not visible from ATCT.
	HS 2	Twy A from Rwy 01 apch end to about 900' north on Twy A not visible from ATCT.
KENTUCKY		
COVINGTON		
CINCINNATI/NORTHERN KENTUCKY INTL (CVG)	HS 1	Be alert to multiple twy crossing points surrounding the intersection of Rwy 18C–36C and Rwy 09–27.
LEXINGTON		
BLUE GRASS (LEX)	HS 1	Rwy 27 apch hold occurs prior to Rwy 22 hold line, and only applies when instructed by ATC.
LOUISVILLE		
BOWMAN FLD (LOU)	HS 1	Acft operating near Rwy 06–24, Rwy 15–33 at midfield are in close proximity to intersecting/crossing rwy and twys.
LOUISVILLE		
LOUISVILLE INTL–STANDIFORD FLD (SDF)	HS 1	Frequent crossings Rwy 17L–35R at Twy G – required to gain access to full length of Rwy 35R. Frequent crossings of Rwy 29 at Twy D.
	HS 2	Rwy 35R Guard Lgts on Twy D at Twy D1 are in a nstd location. OFZ hold line marked with a 35R–APCH sign. Applicable only when WX is below 800' and/or 2 mile visibility. All other times, acft may cross the APCH hold and taxi to the painted hold line at Twy D and Rwy 35R.
	HS 3	Frequent crossings at Twy B and Twy C during Rwy 29 ops.
	HS 4	Twy B, Twy C, Twy G, Twy J, and Twy M – complex intersection.
OWENSBORO		
OWENSBORO–DAVISS CO (OWB)	HS 1	Northbound t/c on Twy C must remain alert so as to not mistake Rwy 06–24 for a parallel twy. First right turn on Twy C from ramp area is Twy E.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
PADUCAH		
BARKLEY RGNL (PAH)	HS 1	Rwy 14–32 at Twy F: Short taxi risk after turning on Twy F.
	HS 2	Rwy 04–22 at Twy C: Rwy confusing as another twy.
	HS 3	Rwy 04 at the end of Twy W South: Short taxi after the turn.

NORTH CAROLINA

CHARLOTTE		
CHARLOTTE/DOUGLAS INTL (CLT)	HS 1	Confusing intersection due to the convergence of Twy R, Twy A, Twy C and Twy C9 along with grass island.
	HS 2	Pilots exiting Rwy 18C–36C on Twy S for either Twy E or Twy F mistakenly turn left on Twy E5 and reenter the rwy.
RALEIGH/DURHAM		
RALEIGH–DURHAM INTL (RDU)	HS 1	Intersection of Rwy 05R–23L and Twy C.

SOUTH CAROLINA

COLUMBIA		
COLUMBIA METROPOLITAN (CAE)	HS 1	When assigned Rwy 23 for departure, eastbound t/c on Twy A miss turn onto Twy C and enter Rwy 23 by mistake.
	HS 2	Maintain vigilance due to Twy geometry. Twy D enters Rwy 29 behind thld. Twy D7 requires acft to turn part to Rwy 29 prior to Twy D.

TENNESSEE

KNOXVILLE		
MC GHEE TYSON (TYS)	HS 1	Holding position marking for full length of Rwy 23L just beyond Twy A8 on Twy A.
	HS 2	Ramp exit Twy R5 short distance from Twy A and Rwy 05R–23L. Pilots miss turn onto Twy A.
	HS 3	Ramp exit Twy R4 short distance from Twy A and Rwy 05R–23L. Pilots miss turn onto Twy A.
	HS 4	Acft taxiing on Twy B4 southeast bound sometimes fail to hold short of Rwy 23L.
MEMPHIS		
MEMPHIS INTL (MEM)	HS 1	Two hold lines on Twy B: East of Twy S is 18C APCH; West of Twy S is rwy hold.
	HS 2	Twy departure risk: mistaking Twy M for Rwy 36L.
NASHVILLE		
NASHVILLE INTL (BNA)	HS 1	Approaching this intersection from the west or northwest often results in an incorrect or missed turn and crossing the wrong rwy.
	HS 2	Hold markings and signs are in place to protect Rwy 20C apch area.
	HS 3	Confusion may be caused by multiple signs and lights.

AIRPORT DIAGRAMS

HOT SPOTS

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ARIZONA		
CHANDLER CHANDLER MUNI (CHD)	HS 1	Rwy 22R may be used as an alternate taxi route due to run-up area and twy congestion.
GLENDALE GLENDALE MUNI (GEU)	HS 1	Eastbound t/c from ramp must remain alert so as not to cross Twy A and enter rwy environment. Acft exiting rwy at Twy A4, Twy A5 and Twy A6 must remain alert for acft on Twy A.
GRAND CANYON GRAND CANYON NATIONAL PARK (GCN)	HS 1	Pilots sometimes confuse Twy A and Twy B at the Rwy 21 end because of the close proximity. Verify correct taxi route.
MESA FALCON FLD (FFZ)	HS 1	Complex intersection. Acft approaching Rwy 04R from the ramp and destined for Rwy 04R or Rwy 22L sometimes miss the turn into Twy D and enter onto Rwy 04R at Twy A.
PHOENIX PHOENIX DEER VALLEY (DVT)	HS 1	Pilots sometimes cross Rwy 07R-25L at Twy B5 without ATC clearance.
	HS 2	Pilots sometimes cross Rwy 07R-25L at Twy B9 without ATC clearance.
PHOENIX PHOENIX SKY HARBOR INTL (PHX)	HS 1	Rwy 07L and Rwy 07R departures sometimes misidentify Twy F for Rwy 07L or Rwy 07R.
	HS 2	Pilots sometimes cross Rwy 07L/25R at Twy F8, Twy F9, or Twy F10 without authorization.
	HS 3	Acft taxiing from southern ramps have turned onto Rwy 25L when given instructions to cross Rwy 25L at Twy H3.
PHOENIX PHOENIX-MESA GATEWAY (IWA)	HS 1	Twy V, Twy B, and Twy K complex intersection.
	HS 2	Pilots sometimes become confused at the junction of Twy B, Twy G and Twy Y.
PRESCOTT ERNEST A. LOVE FLD (PRC)	HS 1	Run up area at Twy F1 not visible from the twr.
	HS 2	Complex intersection. Risk of entering Rwy 03R-21L from Twy C2. Twy E and Twy C2 holding position markings at edge of Twy C. Acft on Twy C or C2 cannot turn onto Twy E without crossing the hold line.
	HS 3	Twy A1, Twy B4, Twy B5 and Rwy 03L confusing intersection in close proximity to Rwy 03L. Twy A1 crosses apch end Rwy 03L. Pilots taxiing to/from hangars via Twy B4 sometime mistakenly taxi on Twy A1 or B5.
	HS 4	Twy C4, Twy D4 and Rwy 03R-21L intersection, frequent rwy crossings.
TUCSON RYAN FLD (RYN)	HS 1	Air t/c often taxies acft via Twy B and onto Rwy 33 for departure on Rwy 06R. Use caution not to enter Rwy 06R without ATC authorization.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
TUCSON		
TUCSON INTL (TUS)	HS 1	Rwy 29R sometimes mistaken for Rwy 29L.
	HS 2	Pilots instructed to hold short of Rwy 11L–29R or Rwy 11R–29L sometimes cross the apch area of these rwys without authorization.
CALIFORNIA		
ATWATER		
CASTLE (MER)	HS 1	Complex area. Verify correct taxi route. Areas south of Twy A and Twy G are private ramp.
	HS 2	Tfc congestion due to large volume of acft proceeding to and from Rwy 31.
CARLSBAD		
MC CLELLAN–PALOMAR (CRQ)	HS 1	ATC has difficulty seeing small acft taxiing eastbound on Twy A, when "Large Jets" are parked on the ramps.
CHINO		
CHINO (CNO)	HS 1	Pilots taxiing south on Twy D, sometimes fail to turn on to Twy A and proceed onto Rwy 08L–26R by mistake.
	HS 2	Pilots taxiing west on Twy L, sometimes turn onto Rwy 03–21 by mistake.
CONCORD		
BUCHANAN FLD (CCR)	HS 1	Pilots traveling southeast on Twy J and instructed to taxi via Twy E to Rwy 01L or Rwy 19R sometimes miss the turn onto Twy E and proceed onto Rwy 01L–19R at Twy J without clearance.
	HS 2	Pilots departing the Rwy 32L run-up area sometimes mistake Twy J for Rwy 32L.
	HS 3	Complex intersection at Rwy 01R–19L, Twy J, Twy A, Twy C and Twy K.
	HS 4	Pilots on Twy A sometimes fail to comply with hold short instructions for Rwy 32L apch area and/or fail to proceed completely through Rwy 32L apch area when instructed by ATC.
HAWTHORNE		
JACK NORTHROP FLD/HAWTHORNE MUNI (HHR)	HS 1	Rwy 25 run-up area, do not depart the run-up area without ATC clearance.
HAYWARD		
HAYWARD EXECUTIVE (HWD)	HS 1	Acft approaching Twy A from the ramp sometimes fail to turn onto Twy A, proceeding onto Twy E and ultimately Rwy 10L–28R.
	HS 2	Area not visible from ATCT.
	HS 3	Area not visible from ATCT.
LA VERNE		
BRACKETT FLD (POC)	HS 1	Short distance between parallel Rwy 26R and Rwy 26L. Be aware of the rwy holding position markings for the parallel rwy and do not cross without authorization.
LANCASTER		
GENERAL WM J FOX AIRFIELD (WJF)	HS 1	Pilots taxiing from ramp sometimes mistake Rwy 06–24 for Twy A.
LIVERMORE		
LIVERMORE MUNI (LVK)	HS 1	Pilots instructed to hold short of Rwy 25R at Twy B sometimes fail to comply. Pilots sometimes land on Rwy 25R without clearance.
	HS 2	Pilots instructed to hold short of Rwy 25L at Twy C sometimes fail to comply.
	HS 3	Pilots instructed to hold short of Rwy 07L at Twy H sometimes fail to comply.
	HS 4	Pilots instructed to hold short of Rwy 07R at Twy G sometimes fail to comply.
	HS 5	Pilots instructed to hold short of Rwy 25R at Twy G sometimes fail to comply.
	HS 6	Pilots may be confused at the intersections of Twy J, Twy A, and Twy G sometimes fail to comply with taxi instructions.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
LONG BEACH		
LONG BEACH (DAUGHERTY FLD) (LGB)	HS 1	Acft northbound on Twy B and instructed to hold short of Rwy 12-30 at Twy K sometimes miss the turn onto Twy K and proceed straight ahead onto Rwy 12-30 and Rwy 07L-25R.
	HS 2	Acft southbound on Twy B anticipate reaching their destination parking ramp and fail to hold short of Rwy 07R-25L.
	HS 3	Acft eastbound on Twy J and instructed to taxi to Rwy 25L at Twy D sometimes miss the turn onto Twy D and proceed onto Rwy 12-30 without authorization.
	HS 4	Acft taxiing to Rwy 16R from the southwest ramp sometimes miss the left turn onto Twy B, continue eastbound onto Twy F, and enter Rwy 16R-34L.
	HS 5	After completing a run-up on inactive Rwy 34R, acft sometimes fail to hold short of Rwy 07R-25L.
	HS 6	Acft Idg Rwy 30, be aware that this rwy crosses every other rwy at the arpt. When exiting, pilots should ensure they are following a yellow, "lead-off" line onto a twy.
LOS ANGELES		
LOS ANGELES INTL (LAX)	HS 1	Pilots sometimes fail to hold short of Rwy 24L when exiting Rwy 24R at Twy AA.
	HS 2	Pilots sometimes fail to hold short of Rwy 24L when exiting Rwy 24R at Twy Z.
	HS 3	Acft assigned Rwy 24L for departure sometimes get confused when taxiing via Twy D7 using Twy E7.
	HS 4	Pilots sometimes cross Rwy 25L and Rwy 25R "Hold Bars" at Twy F, without authorization.
	HS 5	Pilots sometimes fail to hold short of Twy M at Intermediate Holding Position Marking when taxiing westbound on Twy H.
	HS 6	Acft exiting Rwy 25L onto Twy H6 sometimes mistakenly transition to Twy M.
MARYSVILLE		
BEALE AFB (BAB)	HS 1	Twy B, high-speed U-2 mobile tfc when Rwy 15 in use.
	HS 2	Twy E, high-speed U-2 mobile tfc when Rwy 33 in use.
	HS 3	Twy F, in the vicinity of Twy C, Twy L, and Twy K. Frequent U-2 and high speed mobile tfc, slope of the twy limits visibility in both directions.
NAPA		
NAPA CO (APC)	HS 1	Twy A, Twy C, Twy E, and the ramp. Complex intersection and high density tfc area.
	HS 2	Rwy 24, Twy A. Acft and vehicles transiting to and from the hangers via Twy A sometimes cross Rwy 24 at Twy A without clearance.
	HS 3	Rwy 24 and Rwy 36L Acft taxiing on Rwy 24, do not cross Rwy 36L without clearance. Acft taxiing on Rwy 36L, do not cross Rwy 24 without clearance.
OAKLAND		
METROPOLITAN OAKLAND INTL (OAK)	HS 1	Twy A and Twy B both cross Rwy 28R. Pilots sometimes mistake Twy A for Twy B, and vice versa. Verify correct taxi route.
	HS 2	Acft departing the ramp sometimes miss their turn onto Twy C or Twy D, mistakenly proceeding onto Twy H or Twy G and ultimately Rwy 10L-28R.
	HS 3	Complex intersection. Pilots sometimes taxi onto Rwy 10L or Rwy 33 by mistake.
PALM SPRINGS		
PALM SPRINGS INTL (PSP)	HS 1	Pilots sometimes mistake Twy C for Rwy 13R-31L or Rwy 13L-31R.
	HS 2	Pilots instructed to taxi to Rwy 13R via Twy B and Twy C sometimes miss the turn onto Twy C and enters Rwy 31R-31L without authorization.
	HS 3	Pilots approaching Rwy 31R on Twy B sometimes fail to hold short of Rwy 31R.
	HS 4	Pilots exiting Rwy 31L at Twy J sometimes miss the turn onto Twy C and enter Rwy 13L without authorization.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
RIVERSIDE		
RIVERSIDE MUNI (RAL)	HS 1	Westbound t/c on Twy A to Twy B must remain alert so as to not cross Rwy 34.
	HS 2	ATC non-visibility area.
SACRAMENTO		
SACRAMENTO EXECUTIVE (SAC)	HS 1	Rwy hold short markings for Rwy 16-34 and Rwy 12-30 on Twy M are in close proximity.
	HS 2	Pilots sometimes confuse the inbound Twy A with the outbound Twy B.
	HS 3	Portion of Twy E not visible from twr.
SACRAMENTO		
SACRAMENTO INTL (SMF)	HS 1	Acft approaching Twy A from the east on Twy B2 sometimes miss the turn onto Twy A.
SALINAS		
SALINAS MUNI (SNS)	HS 1	Acft instructed to taxi from the ramp to Rwy 26 sometimes miss the turn onto Twy C and continue along Twy A, subsequently entering Rwy 26 at Twy A without ATC authorization.
SAN DIEGO		
MONTGOMERY FLD (MYF)	HS 1	Acft taxiing northeast on Twy G sometimes miss the turn onto Twy H and proceed onto Rwy 10R-28L by mistake.
	HS 2	Acft ldg Rwy 28R and exiting onto Twy G sometimes cross Rwy 28L without authorization.
	HS 3	Acft ldg Rwy 28R and exiting onto Twy F sometimes cross Rwy 28L without authorization.
SAN FRANCISCO		
SAN FRANCISCO INTL (SFO)	HS 1	Pilots instructed to follow Twy B south sometimes continue onto Twy J or Twy F by mistake.
	HS 2	Pilots taxiing east on Twy C and instructed to turn right onto Twy E sometimes miss the turn onto Twy E and continue across Rwy 01L-19R by mistake.
	HS 3	Acft exiting Rwy 28R on Twy T; manage your taxi speed. Expect to hold short of Rwy 28L.
SAN JOSE		
NORMAN Y. MINETA SAN JOSE INTL (SJC)	HS 1	Some pilots may misidentify Twy D as Twy C. Twy D crosses Rwy 29.
	HS 2	"Run-up Area" is asphalt/black-top and near active Rwy 30L and Twy D.
	HS 3	Rwy 11-29 is now Twy W1. Surface is usable only as twy and is marked and signed as a twy.
SAN JOSE		
REID-HILLVIEW OF SANTA CLARA CO (RHV)	HS 1	Numerous inbounds and outbounds at twy intersections Twy D, Twy Z, and Twy Y.
	HS 2	Numerous acft maneuvering at twy intersection of Twy Y, Twy Z, Twy A and the Rwy 31R run-up area.
SAN LUIS OBISPO		
SAN LUIS CO RGNL (SBP)	HS 1	Area May Not Be Visible from Ctl Twr.
	HS 2	Twy E is not perpendicular to Rwy 29.
SANTA ANA		
JOHN WAYNE AIRPORT-ORANGE CO (SNA)	HS 1	ATC will instruct pilots when to turn from Twy A onto Twy L and hold short of Rwy 20L. Do not cross Rwy 20L without authorization.
	HS 2	Pilots exiting Rwy 20R or Rwy 20L onto Twy H: short distance between rwys. Expect to hold short of the parallel rwy. Manage your taxi speed. Do not cross the Runway Holding Position Markings for the parallel rwy without ATC authorization.
	HS 3	Pilots taxiing via Twy A, Twy H, and Twy C sometimes miss the turn from Twy H to Twy C.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
SANTA BARBARA		
SANTA BARBARA MUNI (SBA)	HS 1	Pilots are sometimes confused by the angle at which Twy C intersects Rwy 07–25.
	HS 2	Very wide pavement area. Do not cross Rwy 15L or Rwy 15R without authorization.
	HS 3	ATC often utilizes Rwy 15L–33R and Rwy 15R–33L to taxi arriving aircraft off of Rwy 07–25.
	HS 4	Pilots instructed to taxi to Rwy 25 sometimes miss the turn onto Twy J, not realizing that the approach end of Rwy 25 begins at Twy J.
SANTA MARIA		
SANTA MARIA PUB/CAPT G ALLAN HANCOCK FLD (SMX)	HS 1	Twy A, Twy A6, Twy A5, Twy R, and Twy S, Complex twy intersection in close proximity to the rwy.
	HS 2	Acraft on Twy A sometimes fail to hold short of Rwy 20.
	HS 3	Acraft on Twy B2 and Twy A2 sometimes fail to hold short of Rwy 12.
SANTA ROSA		
CHARLES M. SCHULZ – SONOMA CO (STS)	HS 1	Rwy 14, Rwy 20 and Twy A, Twy Y complex intersection.
	HS 2	Area not visible from the twr.
	HS 3	Rwy 32 Run-up area not visible from the twr.
STOCKTON		
STOCKTON METROPOLITAN (SCK)	HS 1	Intersection of Twy N and Twy M at Terminal Apron are not visible from the ctl twr.
TRUCKEE		
TRUCKEE–TAHOE (TRK)	HS 1	Simultaneous ops on Rwy 11–29 and Rwy 02–20.
VICTORVILLE		
SOUTHERN CALIFORNIA LOGISTICS (VCV)	HS 1	Wrong rwy departure risk.
COLORADO		
ASPEN		
ASPEN–PITKIN CO/SARDY FLD (ASE)	HS 1	Twy A2. Short taxi distance from ramp to rwy.
	HS 2	Twy A3. Short taxi distance from ramp to rwy.
	HS 3	Twy A4. Short taxi distance from ramp to rwy.
COLORADO SPRINGS		
CITY OF COLORADO SPRINGS MUNI (COS)	HS 1	Rwy 13 and Rwy 17R apch end proximity; additionally, Twy A1: and its access to Rwy 13.
	HS 2	Intersection of Twy A4 and Twy G at Rwy 17R–35L: "High volume" crossing point.
	HS 3	Large concrete area at the intersection of Twy E4, Twy G, Twy H and Twy E. High risk of entering wrong twy.
	HS 4	The apch ends of Rwy 35R and Rwy 35L are very far from the ctl twr. Small acft may not be readily visible to the controller. Maintain strict communication with ATCT when in this area.
DENVER		
CENTENNIAL (APA)	HS 1	Pilots instructed to taxi to Rwy 17L and monitor twr sometimes enter the rwy without ATC clearance. Expect to hold short.
	HS 2	Twy A, Twy A8, Twy A9 and Twy C1 congested intersections.
	HS 3	Twy C1 and Twy D1 close proximity to Rwy 10.
DENVER		
DENVER INTL (DEN)	HS 1	Pilots taxiing from Cargo ramp on Twy SC or Twy A sometimes miss the left turn onto Twy M and enter Rwy 35L without authorization. Rwy 35L hold signs may not be visible from Twy SC or Twy A until reaching Twy M.
	HS 2	Rwy 17R apch area. ATC will direct pilots to holdshort at APCH hold line when necessary for separation from tfc.
DENVER		
ROCKY MOUNTAIN METROPOLITAN (BJC)	HS 1	Frequent helicopter operations on north ends of Twy B and Rwy 02–20. Use caution in this area.
	HS 2	Multiple hold lines in close proximity. Hold line on Twy B south of Rwy 11R–29L is prior to Twy D. Pilots should use caution and hold short when instructed by ATC.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
EAGLE EAGLE CO RGNL (EGE)	HS 1	High density parking area on ramp east of Twy C2. Air carrier acft should not leave or enter Twy A east of Twy C2.
GRAND JUNCTION GRAND JUNCTION RGNL (GJT)	HS 1	Departure on Rwy 29 requires taxi via Rwy 22. Pilots must hold short of both rwys unless cleared for taxi on Rwy 22. Verify rwy heading to prevent possible wrong rwy departures.
NEVADA		
LAS VEGAS HENDERSON EXECUTIVE (HND)	HS 1	Pilots should be aware of frequent jet acft taxiing to Rwy 17R for departure. Additionally, pilots have mistakenly lined up on Twy A for departure.
	HS 2	Pilots should be alert to frequent arriving and departing acft transitioning to/from parking at Twy E and Twy A.
	HS 3	Twy A and run up area, pilots have mistakenly lined up on Twy A for departure instead of the rwy.
LAS VEGAS MC CARRAN INTL (LAS)	HS 1	Exiting the ramp, use caution at Twy S not to cross the rwy holding position markings for Rwy 19L. Twy S intersects with Twy D, Twy Z, and Twy G, which require a turn to the north or south.
	HS 2	Exiting Rwy 01R–19L use caution not to enter Twy U, and avoid entering Rwy 01L–19R without authorization.
	HS 3	Exiting Rwy 01R–19L use caution not to enter Twy Y, and avoid entering Rwy 01L–19R without authorization.
	HS 4	Rwy holding position markings for Rwy 07L and Rwy 01L are co-located, and located north of Rwy 07L. Verify rwy heading and alignment with proper rwy prior to departure.
	HS 5	Twy D and Twy N intersection is not visible from the ctl twr.
LAS VEGAS NORTH LAS VEGAS (VGT)	HS 1	Rwy hold lines at Twy G and Twy F in close proximity to edge of large paved area. Pilots often cross Rwy 07 hold line on Twy G without ATC authorization.
	HS 2	Pilots sometimes enter or cross Rwy 12R without authorization.
	HS 3	Pilots taxiing east on Twy A and destined for Rwy 30L sometimes miss the turn onto Twy B, proceeding onto Rwy 12R without ATC authorization.
	HS 4	Pilots taxiing east on Twy A sometimes fail to hold short of Rwy 12L, or neglect to turn onto Rwy 12L for departure, instead departing on Twy A.
MINDEN MINDEN-TAHOE (MEV)	HS 1	Complex intersection, be vigilant for acft using intersecting rwy.
	HS 2	Frequent crossings for sailplane ops.
RENO RENO/TAHOE INTL (RNO)	HS 1	Pilots departing the southwest ramp and instructed to hold short of Rwy 07–25 sometimes fail to comply.
	HS 2	Pilots northbound on Twy C sometimes proceed straight ahead into the ramp by mistake.
	HS 3	Full length departures for Rwy 16L sometimes turn left at Twy D by mistake.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
NEW MEXICO		
ALAMOGORDO		
HOLLOMAN AFB (HMN)	HS 1	Twy R, Twy G, and Twy L have multiple hold lines for Rwy 07–25 and Rwy 04–22. Ctc twr if confused or lost.
	HS 2	Hold line on Twy/EOR A and Twy/EOR H have multiple privately owned vehicle access roads, possibility of high vehicle t/c.
	HS 3	Hold line on Twy/EOR B and Twy C for Rwy 07–25 have multiple privately owned vehicle access roads, possibility of high vehicle t/c.
	HS 4	Multiple hold lines at intersecting rwys. Ldg/departing acft disregard hold lines, taxiing acft ctc twr prior to crossing hold lines.
	HS 5	Multiple hold lines where rwys intersect. Hold line also at Twy D. Ctc twr if confused or lost.
	HS 6	Privately owned vehicle crossing ctl by twr. Hold line located on each side of Rwy 07–25. Possibility of high vehicle traffic.
ALBUQUERQUE		
ALBUQUERQUE INTL SUNPORT (ABQ)	HS 1	One Hold Position Marking on Twy E1 is the hold short position for Rwy 08 and Rwy 12. When instructed by ATC to move beyond this point, ensure correct alignment on assigned rwy.
	HS 2	Twy G and Twy G1 are adjacent to Cutter Aviation ramp entrance. Be alert not to enter Rwy 12–30 without ATC authorization. Rwy 12 commonly used for expeditious General Aviation departures when Rwy 08 and Rwy 03 are active.
	HS 3	This area has the convergence of three Twys and one Rwy: Twy F, Twy C, and Twy G. Twy G extends across Rwy 03–21. Be alert in this area for the Hold Short Line for Rwy 03–21.
	HS 4	Twy E5 perm closed. Hold short lines for Rwy 03–21 on Twys E, H, and Hot Pad 2. Risk to pilots traveling on Twy E of confusing Twy H and Rwys 03–21.
UTAH		
OGDEN		
OGDEN–HINCKLEY (OGD)	HS 1	When crossing Rwy 03–21 on Twy D there are no signs to indicate where Rwy 25 thld begins. Pilots have inadvertently turned onto Rwy 25.
	HS 2	Pilots who miss the left turn on Twy B while traveling south on Twy A inadvertently taxi onto Rwy 16–34.
PROVO		
PROVO MUNI (PVU)	HS 1	Pilots taxiing to Rwy 13 often take Twy A3 instead of Twy A. Twy A3 leads to intersection of two rwys.
SALT LAKE CITY		
SALT LAKE CITY INTL (SLC)	HS 1	Wrong Rwy Departure Risk. Check alignment with assigned rwy prior to departure. Hold lines for Rwy 32 and Rwy 35 are at the same spot at K1 with short taxi distance to either rwy.
	HS 2	Be aware of the Rwy 35 hold line on Rwy 14–32 during taxi southeast on the rwy. Hold line is located on north side of Rwy 32 numbers.
	HS 3	Possible confusion between ramp, twy, and rwy due to large paved area. ATC clearance is required to enter the movement area, immediately west of vehicle drive lanes marked by a movement/non–movement boundary line.